

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A light emitting device comprising:

[[an OLED]] a light emitting device comprising organic material;

means for measuring a current flowing between a first electrode and a second electrode of the [[OLED]] light emitting device;

means for comparing the measured current value and a reference current value; and

means for correcting a voltage between the first electrode and the second electrode of the [[OLED]] light emitting device for making the value of the current flowing between the first electrode and the second electrode of the [[OLED]] light emitting device close to the reference current value based on a difference between the measured current value and the reference current value,

wherein the voltage to be corrected is changed with a constant size every time when the difference between the measured current value and the reference current value is changed with a constant width, and

wherein a specific image is displayed when the current flowing between the first electrode and the second electrode of the light emitting device is measured.

2. (Currently Amended) A device according to claim 1, wherein the measuring means, the comparing means, and the correcting means are provided for each of corresponding colors of the [[OLED]] light emitting device.

3. (Currently Amended) A device according to claim 1, wherein a period during which the [[OLED]] light emitting device emits light is controlled with a digital video signal to display gradations.

4. (Original) A device according to claim 1, wherein the comparing means comprises a calculation circuit.

5. (Currently Amended) A light emitting device comprising:  
a plurality of pixels each having [[an OLED]] a light emitting device comprising organic material;

means for measuring the total of a current flowing between a first electrode and a second electrode of the [[OLEDs]] light emitting devices provided in at least two of the plurality of pixels;

means for comparing the measured current value and a reference current value; and

means for correcting a voltage between the first electrode and the second electrode of the [[OLEDs]] light emitting devices provided in the at least two of the plurality of pixels for making the value of the total of the current flowing between the first electrode and the second electrode of the [[OLEDs]] light emitting devices provided in the at least two of the plurality of pixels close to the reference current value based on a difference between the measured current value and the reference current value,

wherein a specific image is displayed when the total of the current flowing between the first electrode and the second electrode of the light emitting devices provided in the at least two of the plurality of pixels is measured, and

wherein the reference current value differs depending on an image displayed when the total of the current flowing between the first electrode and the second electrode of the light emitting devices provided in the at least two of the plurality of pixels is measured.

6. (Currently Amended) A device according to claim 5, wherein the measuring means, the comparing means, and the correcting means are provided for each of corresponding colors of the [[OLEDs]] light emitting devices.

7. (Currently Amended) A device according to claim 5, wherein a period during which the [[OLEDs]] light emitting devices emits light is controlled with a digital video signal to display gradations.

8. (Original) A device according to claim 5, wherein the comparing means comprises a calculation circuit.

9. (Currently Amended) A light emitting device comprising:  
a plurality of pixels each having [[an OLED]] a light emitting device comprising organic material;

means for measuring the total of a current flowing between a first electrode and a second electrode of the [[OLEDs]] light emitting devices provided in at least two of the plurality of pixels;

means for comparing the measured current value and a reference current value; and

means for correcting a voltage between the first electrode and the second electrode of the [[OLEDs]] light emitting devices provided in the at least two of the plurality of pixels for making the value of the total of the current flowing between the first electrode and the second electrode of the [[OLEDs]] light emitting devices provided in the at least two of the plurality of pixels close to the reference current value based on a difference between the measured current value and the reference current value,

wherein the voltage to be corrected is changed with a constant size every time when the difference between the measured current value and the reference current value is changed with a constant width.

10. (Currently Amended) A device according to claim 9, wherein the measuring means, the comparing means, and the correcting means are provided for each of corresponding colors of the [[OLEDs]] light emitting devices.

11. (Currently Amended) A device according to claim 9, wherein a period during which the [[OLED]] light emitting device emits light is controlled with a digital video signal to display gradations.

12. (Original) A device according to claim 9, wherein the comparing means comprises a calculation circuit.

13-16. (Canceled)

17. (Currently Amended) A light emitting device comprising:  
a plurality of pixels each having [[an OLED]] a light emitting device comprising organic material in a pixel portion;

means for measuring the total of a current flowing between a first electrode and a second electrode of the [[OLEDs]] light emitting devices provided in at least two of the plurality of pixels;

means for comparing the measured current value and a reference current value;

means for correcting a voltage between the first electrode and the second electrode of the [[OLEDs]] light emitting devices provided in the at least two of the plurality of pixels for making the value of the total of the current flowing between the first electrode and the second electrode of the [[OLEDs]] light emitting devices provided in the at least two of the plurality of pixels close to the reference current value based on a difference between the measured current value and the reference current value,

wherein the reference current value differs depending on an image displayed on the pixel portion when the total of the current flowing between the first electrode and the second electrode of the [[OLEDs]] light emitting devices provided in the at least two of the plurality of pixels is measured.

18. (Currently Amended) A device according to claim 17, wherein the measuring means, the comparing means, and the correcting means are provided for each of corresponding colors of the [[OLEDs]] light emitting devices.

19. (Currently Amended) A device according to claim 17, wherein a period during which the [[OLED]] light emitting device emits light is controlled with a digital video signal to display gradations.

20. (Original) A device according to claim 17, wherein the comparing means comprises a calculation circuit.

21. (Currently Amended) A light emitting device comprising:  
a plurality of pixels each having [[an OLED]] a light emitting device comprising organic material in a pixel portion, the pixel portion being provided with at least two of the plurality of pixels each having [[an OLED]] a light emitting device and at least one TFT, and the TFT controlling light emission of the [[OLED]] light emitting device;

means for measuring the total of a current flowing between a first electrode and a second electrode of the [[OLEDs]] light emitting devices;

means for comparing the measured current value and a reference current value; and

means for correcting a voltage between the first electrode and the second electrode of the [[OLEDs]] light emitting devices for making the value of the total of the current flowing between the first electrode and the second electrode of the [[OLEDs]] light emitting devices close to the reference current value based on a difference between the measured current value and the reference current value,

wherein a specific image is displayed on the pixel portion when the total of the current flowing between the first electrode and the second electrode of the light emitting devices is measured, and

wherein the reference current value differs depending on an image displayed on the pixel portion when the total of the current flowing between the first electrode and the second electrode of the light emitting devices is measured.

22. (Currently Amended) A device according to claim 21, wherein the measuring means, the comparing means, and the correcting means are provided for each of corresponding colors of the [[OLEDs]] light emitting devices.

23. (Currently Amended) A device according to claim 21, wherein a period during which the [[OLED]] light emitting device emits light is controlled with a digital video signal to display gradations.

24. (Original) A device according to claim 21, wherein the comparing means comprises a calculation circuit.

25. (Currently Amended) A light emitting device comprising:  
[[an OLED]] a light emitting device comprising organic material;  
a variable power supply;  
an ammeter for measuring a current flowing between a first electrode and a second electrode of the [[OLED]] light emitting device; and  
a correction circuit for comparing the measured current value and a reference current value and correcting a voltage between the first electrode and the second electrode of the [[OLED]] light emitting device for making the value of the current flowing between the first electrode and the second electrode of the [[OLED]] light emitting device close to the reference current value by controlling the variable power supply,

wherein the voltage to be corrected is changed with a constant size every time when the difference between the measured current value and the reference current value is changed with a constant width, and

wherein a specific image is displayed when the current flowing between the first electrode and the second electrode of the light emitting device is measured.

26. (Currently Amended) A device according to claim 25, wherein the variable power supply, the ammeter and the correction circuit are provided for each of corresponding colors of the [[OLED]] light emitting device.

27. (Currently Amended) A device according to claim 25, wherein a second substrate on which the correction circuit or the ammeter is formed is attached onto a first substrate on which the [[OLED]] light emitting device is formed.

28. (Currently Amended) A device according to claim 25, wherein a second substrate on which the correction circuit or the ammeter is formed is attached onto a first substrate on which the [[OLED]] light emitting device is formed by a COG method.

29. (Currently Amended) A device according to claim 25, wherein a second substrate on which the correction circuit or the ammeter is formed is attached onto a first substrate on which the [[OLED]] light emitting device is formed by a wire bonding method.

30. (Currently Amended) A device according to claim 25, wherein a period during which the [[OLED]] light emitting device emits light is controlled with a digital video signal to display gradations.

31. (Currently Amended) A light emitting device comprising:  
a plurality of pixels each having [[an OLED]] a light emitting device comprising organic material;

an ammeter for measuring the total of a current flowing between a first electrode and a second electrode of the [[OLEDs]] light emitting devices provided in at least two of the plurality of pixels; and

a correction circuit for comparing the measured current value and a reference current value and correcting a voltage between the first electrode and the second electrode of the [[OLEDs]] light emitting devices provided in the at least two of the plurality of pixels for making the value of the total of the current flowing between the first electrode and the second electrode of the [[OLEDs]] light emitting devices provided in the at least two of the plurality of pixels close to the reference current value by controlling a variable power supply,

wherein a specific image is displayed when the total of the current flowing between the first electrode and the second electrode of the light emitting devices provided in the at least two of the plurality of pixels is measured, and

wherein the reference current value differs depending on an image displayed when the total of the current flowing between the first electrode and the second electrode of the light emitting devices provided in the at least two of the plurality of pixels is measured.

32. (Currently Amended) A device according to claim 31, wherein the variable power supply, the ammeter and the correction circuit are provided for each of corresponding colors of the [[OLED]] light emitting device.

33. (Currently Amended) A device according to claim 31, wherein a second substrate on which the correction circuit or the ammeter is formed is attached onto a first substrate on which the [[OLED]] light emitting device is formed.

34. (Currently Amended) A device according to claim 31, wherein a second substrate on which the correction circuit or the ammeter is formed is attached onto a first substrate on which the [[OLED]] light emitting device is formed by a COG method.



35. (Currently Amended) A device according to claim 31, wherein a second substrate on which the correction circuit or the ammeter is formed is attached onto a first substrate on which the [[OLED]] light emitting device is formed by a wire bonding method.

36. (Currently Amended) A device according to claim 31, wherein a period during which the [[OLED]] light emitting device emits light is controlled with a digital video signal to display gradations.

37. (Currently Amended) A light emitting device comprising:  
a plurality of pixels each having [[an OLED]] a light emitting device comprising organic material;

an ammeter for measuring the total of a current flowing between a first electrode and a second electrode of the [[OLEDs]] light emitting devices provided in at least two of the plurality of pixels; and

a correction circuit for comparing the measured current value and a reference current value and correcting a voltage between the first electrode and the second electrode of the [[OLEDs]] light emitting devices provided in the at least two of the plurality of pixels for making the value of the total of the current flowing between the first electrode and the second electrode of the [[OLEDs]] light emitting devices provided in the at least two of the plurality of pixels close to the reference current value by controlling a variable power supply,

wherein the voltage to be corrected is changed with a constant size every time when the difference between the measured current value and the reference current value is changed with a constant width.

38. (Currently Amended) A device according to claim 37, wherein the variable power supply, the ammeter and the correction circuit are provided for each of corresponding colors of the [[OLED]] light emitting device.

39. (Currently Amended) A device according to claim 37, wherein a second substrate on which the correction circuit or the ammeter is formed is attached onto a first substrate on which the [[OLED]] light emitting device is formed.

40. (Currently Amended) A device according to claim 37, wherein a second substrate on which the correction circuit or the ammeter is formed is attached onto a first substrate on which the [[OLED]] light emitting device is formed by a COG method.

41. (Currently Amended) A device according to claim 37, wherein a second substrate on which the correction circuit or the ammeter is formed is attached onto a first substrate on which the [[OLED]] light emitting device is formed by a wire bonding method.

42. (Currently Amended) A device according to claim 37, wherein a period during which the [[OLED]] light emitting device emits light is controlled with a digital video signal to display gradations.

43-48. (Canceled)

49. (Currently Amended) A light emitting device comprising:  
a plurality of pixels each having [[an OLED]] a light emitting device comprising organic material in a pixel portion;  
an ammeter for measuring the total of a current flowing between a first electrode and a second electrode of the [[OLEDs]] light emitting devices provided in at least two of the plurality of pixels; and

a correction circuit for comparing the measured current value and a reference current value and correcting a voltage between the first electrode and the second electrode of the [[OLEDs]] light emitting devices provided in the at least two of the plurality of pixels for making the value of the total of the current flowing between the first electrode and the second electrode

of the [[OLEDs]] light emitting devices provided in the at least two of the plurality of pixels close to the reference current value by controlling a variable power supply,

wherein the reference current value differs depending on an image displayed on the pixel portion when the total of the current flowing between the first electrode and the second electrode of the [[OLEDs]] light emitting devices provided in the at least two of the plurality of pixels is measured.

50. (Currently Amended) A device according to claim 49, wherein the variable power supply, the ammeter and the correction circuit are provided for each of corresponding colors of the [[OLED]] light emitting device.

51. (Currently Amended) A device according to claim 49, wherein a second substrate on which the correction circuit or the ammeter is formed is attached onto a first substrate on which the [[OLED]] light emitting device is formed.

52. (Currently Amended) A device according to claim 49, wherein a second substrate on which the correction circuit or the ammeter is formed is attached onto a first substrate on which the [[OLED]] light emitting device is formed by a COG method.

53. (Currently Amended) A device according to claim 49, wherein a second substrate on which the correction circuit or the ammeter is formed is attached onto a first substrate on which the [[OLED]] light emitting device is formed by a wire bonding method.

54. (Currently Amended) A device according to claim 49, wherein a period during which the [[OLED]] light emitting device emits light is controlled with a digital video signal to display gradations.

55. (Currently Amended) A method for operating a light emitting device a plurality of pixels each having [[an OLED]] a light emitting device comprising organic material, comprising steps of:

measuring the total of a current flowing between a first electrode and a second electrode of the [[OLEDs]] light emitting devices provided in at least two of the plurality of pixels;

comparing the measured current value and a reference current value; and

correcting a voltage between the first electrode and the second electrode of the [[OLEDs]] light emitting devices provided in the at least two of the plurality of pixels for making the value of the total of the current flowing between the first electrode and the second electrode of the [[OLEDs]] light emitting devices provided in the at least two of the plurality of pixels close to the reference current value based on a difference between the measured current value and the reference current value,

wherein a specific image is displayed when the total of the current flowing between the first electrode and the second electrode of the light emitting devices provided in the at least two of the plurality of pixels is measured, and

wherein the reference current value differs depending on an image displayed when the total of the current flowing between the first electrode and the second electrode of the light emitting devices provided in the at least two of the plurality of pixels is measured.